

FEB 28 2006

**FAX COVER SHEET****PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

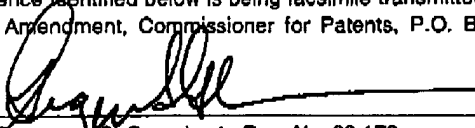
Attention:	Mail Stop Amendment Group Art Unit: 2638 Examiner: BAYARD, Emmanuel	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3016
Pages:	Cover + 2 + 1 + 6 = 10	Date:	February 28, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

**CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 28, 2006.

Telephone No. (310) 964-4615

  
Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Person Signing Certificate)

February 28, 2006  
(Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-200181

Please find attached Re:

Serial No.: 09/844,401

Filing Date: April 27, 2001

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE FORM PTO/SB/08B (1 page)
- NON-PATENT LITERATURE DOCUMENT (6 pages)

**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

RECEIVED  
CENTRAL FAX CENTER

FEB 28 2006

Patent  
PD-200181  
Customer No. 020991

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Ernest C. Chen

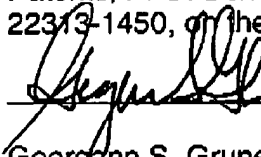
Serial No.: 09/844,401  
Filed: April 27, 2001

For: LAYERED MODULATION FOR  
DIGITAL SIGNALS

Group Art Unit: 2638  
Examiner: Emmanuel Bayard

I hereby certify that this correspondence is  
being facsimile transmitted to (571) 273-8300  
(Centralized Facsimile Number) addressed to:

Mail Stop Amendment, Commissioner for  
Patents, P. O. Box 1450, Alexandria, VA  
22313-1450, on the date below:



Georgann S. Grunebach

Typed or printed name of person signing certificate

Date: February 28, 2006

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (b)(4)**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The reference was cited in a European communication dated February 2, 2006 in the counterpart European patent application number 02728894.3.

This statement should be considered because it is submitted before the mailing of a first Office action after the filing of a request for continued examination under §1.114 and therefore it is believed that no fee is due with this submission under 37 C.F.R. §1.97(b)(4).

If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Serial No. 09/844,401.....Page 2

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
RE/R11/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

February 28, 2006

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	09/844,401
	Filing Date	April 27, 2001
	First Named Inventor	Ernest Chen
	Art Unit	2638
	Examiner Name	BAYARD, Emmanuel
Date: February 28, 2006		
Sheet 1 of 1	Attorney Docket Number	PD-200181

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH et al., "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing", 1998, John Wiley & Sons, pages 212, 213, 217, 218, XP002364874	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.